Translation treaty

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William	***************************************	A CHARLEST AND A CHAR	PC.

from the NTERNATIONAL SEARCHING AUTHORIT	Y						
To: 100083		PCT					
7 th Floor, Xueyuan International Tower, No. 1							
Zhichun Road, Haidian District, Beijing DEQI INTELLECTUAL PROPERTY LAW CORPORATION		WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY					
		`	PCT Rule 43 bis.1)				
		Date of mailing	06 (20 - 04 - 20 06)				
Applicant's or agent's file reference		FOR FURTHER ACTION					
DF0507214P		see paragraph 2 below					
International application No.	International filing	date (day/month/year)	Priority date (day/month/year)				
PCT/CN2006/000044	12 Jan. 2006	(12.01.2006)	12 Jan. 2005 (12. 01. 2005)				
International Patent Classification (IPC) or bo	oth national classifica	ation and IPC					
	H04Q 7/30) (2006. 01) i					
Applicant		·	_				
Н	UAWEI TECHNOLO	GIES CO., LTD ET A	L				
This opinion contains indications relating to the following items:							
Box No. I Basis of the opinion							
Box No II Priority							
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention							
Box No. V Reasoned statement under Rule 43bis.1(a)(i)with regard to novelty, inventive step or industrial applicability;							
	citations and explanations supporting such statement						
Box No. VII Certain defects in	the international app	olication					
Box No.VIII Certain observations on the international application							
2. FURTHER ACTION							
International Preliminary Examining A Authority other than this one to be the II written opinions of this International Sec	Authority ("IPEA") PEA and the chosen larching Authority wi	ill not be so considered.	e considered to be a written opinion of the not apply where the applicant chooses an ernational Bureau under Rule 66.1 bis(b) that				
If this opinion is, as provided above, of IPEA a written reply together, where a of Form PCT/ISA/220 or before the exp	opropriate, with ame	indments, before the exp	EA, the applicant is invited to submit to the iration of 3 months from the date of mailing thichever expires later.				
For further options, see Form PCT/ISA/	220.						
3. For further details, see notes to Form PC	Г/ISA/220.						

Name and mailing address of the ISA/CN The State Intellectual Property Office, the P.R.China 6 Xitucheng Rd., Jimen Bridge, Haidian District, Beijing, China 100088 Facsimile No. 86-10-62019451

Date of completion of this opinion

10 Apr. 2006 (10.04.2006)

Authorized officer ZHAOL I ANG

Telephone No. 8610-62084576

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/CN2006/000044

Вох	No.	I Basis of the opinion	
1.	With	h regard to the language, this opinion has been established on the basis of:	·
			, which is the language of a translation
2.	Witl inve	th regard to any nucleotide and/or amino acid sequence disclosed in the international rention, this opinion has been established on the basis of:	application and necessary to the claimed
	a.	type of material a sequence listing table(s) related to the sequence listing	
	b.	format of material on paper in electronic form	
	c.	time of filing/furnishing contained in the international application as filed filed together with the international application in electronic form furnished subsequently to this Authority for the purposes of search	
3.		In addition, in the case that more than one version or copy of a sequence listing and furnished, the required statements that the information in the subsequent or add application as filed or does not go beyond the application as filed, as appropriate, we	litional copies is identical to that in the
4.	Ad	dditional comments:	

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/CN2006/000044

citations and evaluation					
citations and explanations supporting such statement					
tatement:					
Novelty (N)	Claims	1-46	YES		
, , , , , , , , , , , , , , , , , , ,	Claims		NO		
Inventive step (IS)	Claims	1-46	YES		
	Claims		МО		
Industrial applicability (IA)	Claims	1-46	YES		
	Claims		NO		
	Novelty (N) Inventive step (IS)	Novelty (N) Claims Claims Inventive step (IS) Claims Claims Claims Claims	Novelty (N) Claims Inventive step (IS) Claims Claims 1-46 Claims Industrial applicability (IA) Claims 1-46		

2. Citations and explanations

The present invention relates to a separated base station system includes: separated baseband units (BBUs) of BSs and separated radio frequency units (RFUs) of BSs, and baseband-radio frequency interfaces provided on the RFUs which are connected with the BBUs and transmit data information.

The following documents are cited here:

D1: US 6058317 A

D2: CN 1284824 A

D3: JP 2004040802 A

D1 discloses a radio system base station comprising CPU with at least one baseband frame unit for supplying baseband signals via switch to either of two radio channel units and radio set units which are separate from one another.

D2 discloses a Pico-BTS (Base station Transceiver Subsystem) comprising Pico-BTS architecture divided into Pico-BTS main Unit and Pico-BTS radio unit. The Pico-BTS is located at base of a pole, tower or support and it transmits and receives signals through mounted antenna and communicates with Pico Main Unit via wires or coaxial cable.

D3 discloses a base station system for mobile communication, comprising remote RF unit hub that receives and distributes frames transmitted by digital modem unit to RF units through Ethernet using twisted pair cable. The system has a digital modem unit to receive a signal framed on a format with a preset remote radio frequency (RF) unit frame and transmits set of frames over an Ethernet using a twisted pair cable. A remote RF unit hub receives and distributes the frames to RF units via the Ethernet using the cable. The RF units deframe the frames, modulate the deframed signal to an RF signal and transmit to a mobile terminal.

It is obvious that not all the technical features in claim 1, 16 and 34 are disclosed by D1, D2 or D3, therefore, claim 1, 16 and 34 have novelty under PCT Article 33(2). And not all the technical features in claim 2-15,17-33 and 35-46 are disclosed by D1, D2 or D3, therefore, claim 2-15,17-33 and 35-46 have novelty under PCT Article 33(2).

Claim 1-46 are not obvious to a person skilled in the art on the basis of D1, D2 or D3 or their combination, thus they have inventive step under PCT Article 33(3).

Claim 1-46 have industrial applicability under PCT Article 33(4), because the method claimed can be used in industry.